

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:

10/076,632A

Source:

IFW/6

Date Processed by STIC:

1/3/07

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 01/03/2007

PATENT APPLICATION: US/10/076,632A

TIME: 16:37:10

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\01032007\J076632A.raw

for

```

3 <110> APPLICANT: Habermann, Paul
5 <120> TITLE OF INVENTION: Nucleic Acids Encoding Hirudin Fusion Proteins and Methods
6     Producing Hirudin Fusion Proteins
8 <130> FILE REFERENCE: P 30,612 USA
10 <140> CURRENT APPLICATION NUMBER: 10/076,632A
11 <141> CURRENT FILING DATE: 2002-02-19
13 <150> PRIOR APPLICATION NUMBER: US 60/270,591
14 <151> PRIOR FILING DATE: 2001-02-23
16 <150> PRIOR APPLICATION NUMBER: DE 101 08 211.8
17 <151> PRIOR FILING DATE: 2001-02-20
19 <160> NUMBER OF SEQ ID NOS: 12
21 <170> SOFTWARE: PatentIn version 3.4
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 47
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Description of Artificial Sequence:hir_insf1
31 <400> SEQUENCE: 1
32 atccctgagg aataccttca gcgatttggt aaccaacact tgtgtgg          47
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 15
37 <212> TYPE: PRT
38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Description of Artificial Sequence:protein hir_insf1
43 <400> SEQUENCE: 2
45 Ile Pro Glu Glu Tyr Leu Gln Arg Phe Val Asn Gln His Leu Cys
46 1           5           10           15
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 47
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Description of Artificial Sequence: hir_insrev1
57 <400> SEQUENCE: 3
58 cctcacaagt gttggttaac aaatcgctga aggtattcct cagggat          47
61 <210> SEQ ID NO: 4
62 <211> LENGTH: 46
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Description of Artificial Sequence: hirf1

```

RAW SEQUENCE LISTING

DATE: 01/03/2007

PATENT APPLICATION: US/10/076,632A

TIME: 16:37:10

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\01032007\J076632A.raw

```

69 <400> SEQUENCE: 4
70 ttttttttga tcctttggat aaaagactta cgtatactga ctgcac 46
73 <210> SEQ ID NO: 5
74 <211> LENGTH: 6
75 <212> TYPE: PRT
76 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Description of Artificial Sequence: protein hirf1
81 <400> SEQUENCE: 5
83 Leu Thr Tyr Thr Asp Cys
84 1 5
87 <210> SEQ ID NO: 6
88 <211> LENGTH: 24
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Artificial Sequence: insncolrev
95 <400> SEQUENCE: 6
96 tttttttccat gggtcgacta tcag 24
99 <210> SEQ ID NO: 7
100 <211> LENGTH: 59
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Description of Artificial Sequence: Hir_insf
107 <400> SEQUENCE: 7
108 atccctgagg aataccttca gggaaattcg gcacgatttg ttaaccaaca cttgtgtgg 59
111 <210> SEQ ID NO: 8
112 <211> LENGTH: 12
113 <212> TYPE: PRT
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence: protein Hir_insf
119 <400> SEQUENCE: 8
121 Gly Asn Ser Ala Arg Phe Val Asn Gln His Leu Cys
122 1 5 10
125 <210> SEQ ID NO: 9
126 <211> LENGTH: 59
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Description of Artificial Sequence: Hir_insrev
133 <400> SEQUENCE: 9
134 ccacacaagt gttggttaac aaatcgtgcc gaatttcctt gaaggatttc ctcagggat 59
137 <210> SEQ ID NO: 10
138 <211> LENGTH: 34
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:

```

RAW SEQUENCE LISTING

DATE: 01/03/2007

PATENT APPLICATION: US/10/076,632A

TIME: 16:37:10

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\01032007\J076632A.raw

143 <223> OTHER INFORMATION: Description of Artificial Sequence: pichia_H_lf1
 145 <400> SEQUENCE: 10
 146 tttttttctc gagaaaagac ttacgtatac tgac 34
 149 <210> SEQ ID NO: 11
 150 <211> LENGTH: 41
 151 <212> TYPE: DNA
 152 <213> ORGANISM: Artificial Sequence
 154 <220> FEATURE:
 155 <223> OTHER INFORMATION: Description of Artificial Sequence: pichia_H_Irev2
 157 <400> SEQUENCE: 11
 158 ttttttggcg ccgaattcac tattagttac agtagttttc c 41
 161 <210> SEQ ID NO: 12
 162 <211> LENGTH: 5
 163 <212> TYPE: PRT
 164 <213> ORGANISM: Artificial Sequence
 166 <220> FEATURE:
 167 <223> OTHER INFORMATION: Description of Artificial Sequence: linker between
 168 hirduin-encoding sequence and sequence encoding a protein that is
 169 produced in and secreted by yeast
 171 <400> SEQUENCE: 12
 173 Gly Asn Ser Ala Arg
 174 1 5

VERIFICATION SUMMARY

DATE: 01/03/2007

PATENT APPLICATION: US/10/076,632A

TIME: 16:37:11

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\01032007\J076632A.raw